

REMARKS/ARGUMENTS

Applicant thanks Examiner Le for accepting the terminal disclaimer filed March 25, 2005. Further, Applicant thanks Examiner Le for indicating that the Interview of April 28, 2005 resulted in the allowance of the application.

In the paragraph beginning on Page 13, starting at Line 2, the specification has been amended to include reference to APIs and a shell interface. The reference to APIs and a shell interface has been added in the Detailed Description of the Invention to further support references in the claims and the figures to APIs and a shell interface. Given that the reference is similar to a reference to APIs and a shell interface in the Summary of the Invention, Page 5, starting at Line 29, no new matter has been added. ("More particularly, the present invention may augment facilities on the IBM OS/390, such as the high-level language APIs, so that an application that is ported to the IBM OS/390 UNIX System Services will operate more efficiently. OS/390 UNIX provides support for APIs and an interactive shell interface. The OS/390 APIs enable a user or program, such as a database, to request OS/390 services and OS/390 UNIX System Services. The shell interface is an execution environment that services interactive requests from users and batch requests that are included in computer programs, such as a database.")

Also, reference numbers ~~370~~ 170 and ~~302~~ 171 have been corrected on Lines 6 and 7 of Page 18. No new matter has been added.

In the paragraph beginning on Page 18, starting at Line 3, the specification has been amended to include reference to APIs and a shell interface. The reference to APIs and a shell interface has been added in the Detailed Description of the Invention to further support references in the claims and the figures to APIs and a shell interface. Given that the reference is similar to a reference to APIs and a shell interface in the Summary of the Invention, Page 5,

starting at Line 29, no new matter has been added.

In the specification, the paragraph beginning on Page 19, Line 20, has been amended to include a reference number 116 to "API". No new matter has been added.

Drawings:

In amended Fig. 1A and Fig. 2, the elements APIs 116 and a Shell Interface 126 have been included in the Operating System 110. The inclusion of the features APIs and a shell interface in Fig. 1A and Fig. 2 support use of the features in the claims. Further, the features APIs and a shell interface are described in the Summary of the Invention (Page 5, starting at Line 29) and in the detailed description of Fig. 1A and Fig. 2. No new matter has been added to the figures.

Claims:

Claims 1, 3-5, 16, 17, 19-21, 31, and 32 have been amended. Claims 38-40 have been added. Claims 2, 18, 33-37 have been cancelled. Claims 1-32 and 38-40 remain pending in this application. Reexamination and reconsideration of the application as amended are respectfully requested.

Claim Rejections under 35 U.S.C. § 112:

Claims 1-37 are rejected under 35 U.S.C. § 112, second paragraph. Claims 1 and 17 have been amended to correct the lack of antecedent bases related to "said computer system". Further, Claims 1, 3-5, 16, 17, 19-21, 31, and 32 have been rewritten to eliminate overuse and ambiguous use of "said".

Claim Rejections under 35 U.S.C. § 101:

Claims 17-32 are rejected under 35 U.S.C. 101. Claims 1, 4, 17, and 20 have been rewritten to clarify the use of "computer system" and to include the limitations of the preamble in

the body of the claims.

Claim Objections and New Claims:

Claims 33-37 have been objected to because of the awkward wording. Claims 33-37 have been canceled. Claims 38-40 have been added without the previously objected to wording. Claim 38 now includes the limitations of Claims 33 and 34, and also has been rewritten to include the limitations of the preamble of Claim 37 in the body of Claim 38. Claim 39 includes the limitations of Claim 35 and has addressed the objection regarding awkward wording. Claim 40 includes the limitations of Claim 36 and has addressed the object regarding awkward wording. Therefore, Applicants have addressed the objection regarding awkward wording.

Allowable Subject Matter:

Examiner Le has indicated that Claims 1-37 would be allowable if rewritten to overcome the rejections under 35 U.S.C. 112, 2nd paragraph, and under 35 U.S.C. 101 set forth in the Office action of May 5, 2005; and to distinctly recite the invention as described in paragraphs 0048 - 0052 of the specification. The claims have been written to overcome the rejections put forth in the Office action of May 5, 2005, and to distinctly recite the invention as described in paragraphs 0048-0052 of the specification. Claim 1 has been rewritten to include the limitations of the preamble of Claim 1, and further, Claim 1 has been rewritten to include the limitations of Claim 2. By means of example, the limitation in Claim 1 of, "bypassing said queued I/O access commands when porting said application from said operating system to a different operating system by executing said asynchronous direct I/O access commands by use of said application programming interfaces and shell interface" is described in paragraphs 0048-0052 of the specification. In a similar way, Claim 17 has been rewritten to include the limitations of the preamble of Claim 17, and further, Claim 17 has been rewritten to include the limitations of Claim 18. In a similar way, Claim 38 has been written to include the limitations of Claim 33, and further, Claim 38 has been written to include the limitations of Claim 33 and 34 that have

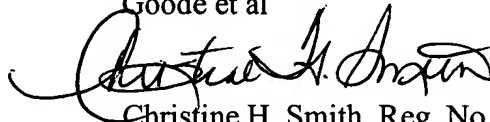
Application No. 10/033,809
Reply to the Office Action of May 5, 2005

been canceled. Thereby, Applicants have written Claims 1 - 32 and Claims 38-40 to overcome the rejections under 35 U.S.C. 112, 2nd paragraph, and under 35 U.S.C. 101 set forth in the Office action of May 5, 2005; and to distinctly recite the invention as described in paragraphs 0048 - 0052 of the specification.

Conclusion

Applicants believe the claims are in condition for allowance and respectfully request allowance of the claims. Applicant therefore respectfully requests that the Examiner reconsider all currently outstanding objections and rejections and that they be withdrawn. It is believed that a full and complete response has been made to the outstanding Office Action and, as such, the present application is in condition for allowance, and therefore respectfully requests allowance of the application. If the Examiner believes, for any reason, that personal communication will expedite prosecution of this Application, the Examiner is invited to telephone the undersigned at the number provided. Prompt and favorable consideration of this Response is hereby solicited.

Respectfully submitted,
Goode et al



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Application No. 10/033,809
Reply to the Office Action of May 5, 2005

AMENDMENTS TO THE DRAWINGS

Fig. 1A and Fig. 2 have been amended to include in the Operating System 110, APIs (application programming interfaces) 116 and a Shell Interface 126. Amendments to the Drawings include attached Replacement Sheets and the Annotated Changes Sheets.

Attachment: Two Replacement Sheets for Fig. 1A and Fig. 2
Two Annotated Sheets Showing Changes for Fig. 1A and Fig. 2

1/7

FIG. 1

FIGURE 1A

FIGURE 1B

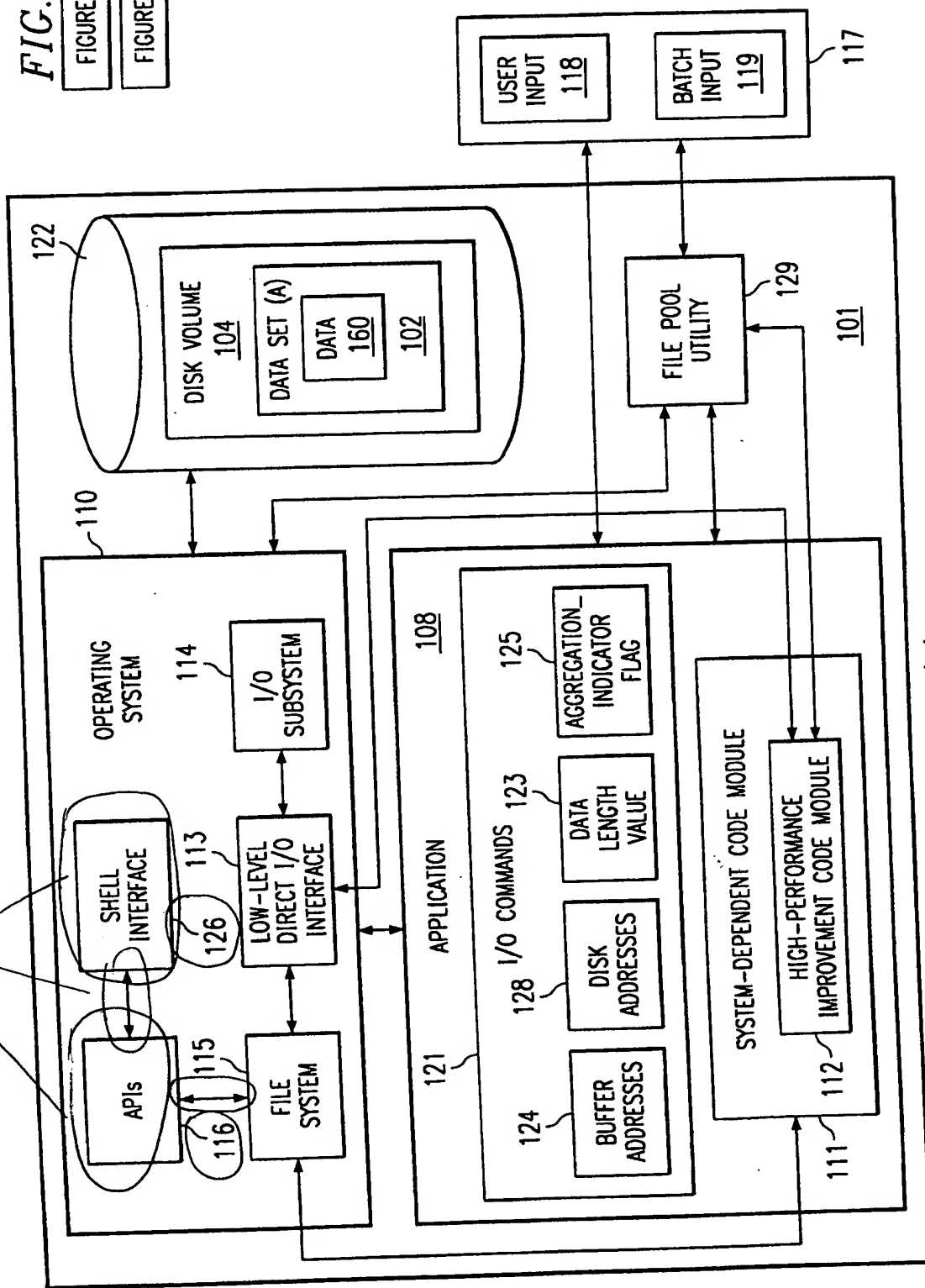


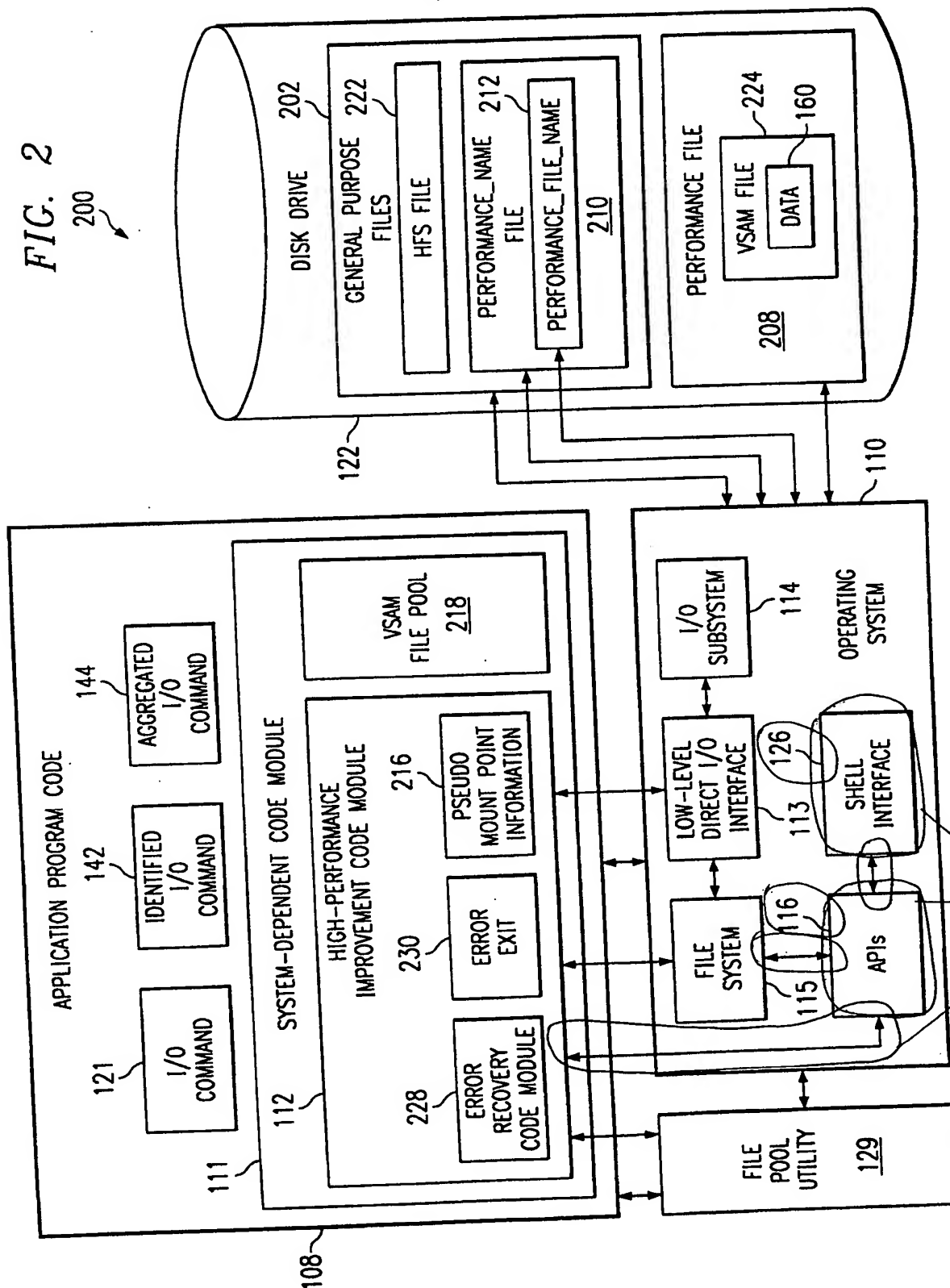
FIG. 1A

Add Elements, Arrows, Numbers



3/7

FIG. 2



Add Elements, Arrows, Numbers